



06-15-06

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PTO/SB/21 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/736,487-Conf. #3809
		Filing Date	December 15, 2003
		First Named Inventor	Robert H. Leung, Chiang
		Art Unit	3744
		Examiner Name	M. M. Ali
Total Number of Pages in This Submission	34	Attorney Docket Number	210_875RCE

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Mailroom Return Postcard, PTO/SB/a/b (1 pgs.), certificate of express mailing (1 pg.) and copies of cited foreign references (27 pgs.)
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WALL MARJAMA & BILINSKI LLP		
Signature			
Printed name	William W. Habelt		
Date	June 14, 2006	Reg. No.	29,162

Transmittal	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV678063526US, on the date shown below in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: June 14, 2006	Signature: Christine M. Holmes



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<b>Effective on 12/08/2004.</b> Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/736,487-Conf. #3809
		Filing Date	December 15, 2003
		First Named Inventor	Robert H. Leung Chiang
		Examiner Name	M. M. Ali
		Art Unit	3744
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Attorney Docket No.	210_875RCE	
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b>	180.00

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 03-0835 Deposit Account Name: CARRIER CORPORATION

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
_____ - 20 = _____	x _____	= _____		<u>Fee (\$)</u> <u>Fee Paid (\$)</u>
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	
_____ - 3 = _____	x _____	= _____		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____ - 100 = _____	/50	_____ (round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

**SUBMITTED BY**

Signature	<u>William W. Habelt</u>	Registration No. (Attorney/Agent)	29,162	Telephone	(315) 425-9000
Name (Print/Type)	William W. Habelt	Date	June 14, 2006		

**Fee Transmittal**

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MS Amendment, Commissioner for Patents, P.O. Box 7450, Alexandria, VA 22313-1750

Dated: June 14, 2006

Signature: Christine M. Holmes

Christine M. Holmes



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Dated: June 14, 2006

Signature

Christine M. Holmes

Docket No.: 210\_875RCE  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Robert H. Leung, Chiang et al.

Application No.: 10/736,487

Confirmation No.: 3809

Filed: December 15, 2003

Art Unit: 3744

For: MEDIUM TEMPERATURE  
REFRIGERATED MERCHANDISER

Examiner: M. M. Ali

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A summary/abstract translation of the non-English language references is enclosed.

06/16/2006 MAHMED1 00000064 030835 10736487

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With the exception of U.S. Patent 5,755,108, each of the listed patents has been cited in either the parent application, i.e. serial no. 09/849,209, filed May 4, 2001 (now U.S. Patent 6,679,080) of which this application is a continuation, or in related co-pending application serial no. 10/743,394, filed December 22, 2003, which is a continuation-in-part of the aforementioned parent application.


As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 03-0835 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-0835, under Order No. 210\_875RCE.

Dated: June 14, 2006

Respectfully submitted,

By   
William W. Habelt  
Registration No.: 29,162  
WALL MARJAMA & BILINSKI LLP  
101 South Salina Street  
Suite 400  
Syracuse, New York 13202  
(315) 425-9000  
Attorney for Applicant



PTO/SB/08a/b (07-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/B/PTO</b>			<b>Complete If Known</b>		
			Application Number	10/736,487-Conf. #3809	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Filing Date	December 15, 2003	
			First Named Inventor	Robert H. Leung, Chiang	
			Art Unit	3744	
			Examiner Name	M. M. Ali	
Sheet	1	of	1	Attorney Docket Number	210_875RCE

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2,200,502	05-14-1940	G.G. Johnson	
	AB*	US-2,384,313	09-04-1945	P.R.M.M. Kohler	
	AC*	US-2,715,321	08-16-1955	R.J. Burger	
	AD*	US-2,912,834	11-17-1959	L.J. Mann	
	AE*	US-2,986,901	06-06-1961	E.F. Hubacker	
	AF*	US-2,991,048	07-04-1961	C. Rabin	
	AG*	US-3,012,760	12-12-1961	W.L. McGrath	
	AH*	US-3,267,692	08-23-1966	A.J. Pfeiffer et al.	
	AI*	US-3,577,744	05-04-1971	J. F. Mercer	
	AJ*	US-3,681,896	08-08-1972	Velkoff	
	AK*	US-3,800,551	04-02-1974	Weibel, Jr. et al.	
	AL*	US-4,272,969	06-16-1981	Schwitzgebel et al.	
	AM*	US-4,434,843	03-06-1984	Alford	
	AN*	US-4,569,390	02-11-1986	Knowlton et al.	
	AO*	US-4,644,758	02-24-1987	Maehara et al.	
	AP*	US-5,179,845	01-19-1993	Sasaki et al.	
	AQ*	US-5,682,944	11-04-1997	Yamamoto et al.	
	AR*	US-5,743,098	04-28-1998	Behr	
	AS*	US-5,755,108	05-26-1998	Ibrahim et al.	
	AT*	US-5,799,728	09-01-1998	Blume	
	AU*	US-5,832,995	11-10-1998	Chiang et al.	
	AV*	US-5,974,818	11-02-1999	Topper et al.	
	AW*	US-6,076,368	06-20-2000	Noble	
	AX*	US-6,102,107	08-15-2000	Dunne	
	AY*	US-6,167,619	01-02-2001	Beagle	
	AZ*	US-6,237,350	05-29-2001	Hertel et al.	
	AA1*	US-6,308,527	10-30-2001	Kuroyanagi et al.	
	AB1*	US-6,679,080-A1	01-20-2004	Chiang et al.	
	AC1*	US-6,923,013-A1	08-02-2005	Chiang et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EU-1316119	06-04-2003	Ray Eshragui		
	BB	JP-7189684	07-28-1995	Yuichi Sakamoto et al.		
	BC	JP-8303933	11-22-1996	Izumi Azuma et al.		
	BD	JP-10148441	06-02-1998	Tetsuya Inoue		
	BE	JP-410185413	07-14-1998	Satoshi Kaneko		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Application No. (if known): 10/736,487

Attorney Docket No.: 210\_875RCE

## Certificate of Express Mailing Under 37 CFR 1.10

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on June 14, 2006  
Date

Signature

Christine M. Holmes

Typed or printed name of person signing Certificate

Registration Number, if applicable

(315) 425-9000  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (34 References) (1 pages)